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SOURCE Automobil'naya Promyshlennost', No 4, 1949.DEFECTS IRONED OUT IN NEW CAR

State tests on the light automobile, Pobeda, were conducted in November and December 1948. For a comprehensive investigation of its qualities, three stock models and three convertibles were tested.

The cars were put over a 10,500 kilometer run, 7,280 kilometers of which were taken on the Moscow-Leningrad-Tallin-Riga-Kaunas-L'vov-Odessa-Sevastopol'-Khar'kov-Moscow route. Among the various road conditions encountered were mountain roads of the Carpathians and Crimea, dirt and asphalt roads, and ice- and snow-covered highways. City traffic comprised 3,000 kilometers of the test.

In the months preceding the tests, steps had been taken at the Gor'kiy Automobile and Tractor Plant to eliminate some of the "bugs" which had turned up in the first series of the Pobeda.

A new rear-axle transmission coupling having a gear ratio of 5.125:1 instead of the conventional 4.7:1 was installed. Other improvements included a new-type muffler for reducing exhaust noise, a special heater and windshield defroster, a new-type carburetor and a relay control. Rubber stripping was placed around door frames. Headspace in the rear seat of sedans was increased by 50 millimeters.

At the same time as the road tests, 500-hour control tests of two engines under operating conditions were conducted.

The tests revealed a decisive jump in quality. Fuel economy was good and suspension was comfortable but sturdy. Parts held up well.

The Rating Commission was fully satisfied that the Gor'kiy Plant had corrected the flaws for which its product had previously been criticized. Quality of rubber fittings, wiring insulation shellac, body girders, glass and upholstery were radically improved.

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Specifications of the improved Pobeda follow:

Length, 4,665 millimeters; width, 1,695 millimeters; height (empty), 1,640 millimeters; wheelbase, 2,700 millimeters; weight empty, 1,560 kilograms.

Engine: 4-cylinder gasoline, 2.12 liter working stroke; compression, 6.6; 50 horsepower at 3,600 revolutions per minute; fuel, A-70, GOST 2084-48.

Transmission: three forward speeds, one reverse; 4-wheel hydraulic foot brakes; emergency, rear-wheel mechanical; gear ratio of differential, 5.125:1.

Tires 6.00 x 16; maximum speed 105 kilometers/hour; fuel consumption per 100 kilometers at 50 - 60 kilometers/hour, 11 liters; capacity of fuel tank, 55 liters.

Accessories: heater.

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